



City of Loma Linda Official Report

Karen Gaio Hansberger, Mayor
Floyd Petersen, Mayor pro tempore
Robert Christman, Councilmember
Stan Brauer, Councilmember
Robert Ziprick, Councilmember

COUNCIL AGENDA: March 8, 2005

TO: City Council

VIA: Dennis R. Halloway, City Manager

FROM: W. James Hettrick, Director of Information Systems and T. Jarb
Thaipejr, Public Works Director/City Engineer

SUBJECT: AWARD OF CONTRACT FOR LOMA LINDA CONNECTED
COMMUNITY FIBER OPTIC BACKBONE QUADRANT 1 –
PHASE 2.

RECOMMENDATION:

It is recommended that the City Council award the contract for the implementation of the Loma Linda Connected Community Fiber Optic Backbone the above subject project to John Griffin Construction, Inc. of Corona, CA in the amount of \$524,640.96.

BACKGROUND:

The Loma Linda Connected Community Program requires that all new development and additions which exceed 50 percent of the original structure and are located within the Fiber-Optic Master Plan Area comply with the Program requirements. The purpose of the Program is to provide Loma Linda business and residents with opportunities for voice, data, video, multimedia, home automation systems, environmental control, security, audio, television, sensors, alarms, and intercom. The Program document describes and establishes the standardized requirements for residential and commercial telecommunications cabling systems. The initial intent is to connect new development but the long-term goal is to eventually retrofit the entire community.

The city has been divided into quadrants. The 1st quadrant is primarily the northeast portion of the city. Since most new development is occurring in the 1st quadrant of the city, The fiber optic backbone and feeder lines need to be deployed there first. This deployment will allow for the new developments to receive services as new home and business owners occupy the buildings.

Quadrant 1 Phase 2 has been designed and calls for the deployment of a partial fiber optic backbone ring to provide immediate services to newly constructed and planned housing developments currently underway. The fiber optics will be placed along sections of Redlands Blvd, California Street, and Mountain View Ave. See Area Map Attached.

ANALYSIS:

Due to the long-term challenges of managing, implementing and documenting a telecommunication network we have chosen to sole source this project. The criterion that was established requires that the contractor have Corning Certifications for Fiber Optic Placement, Splicing, Testing, Corning Free Space Optics, MCS Road Cable Fiber and provide a labor warranty. John Griffin Construction is the only California contractor that meets all of the requirements. John Griffin Construction Inc. has provided a price comparison for your review.

Attached please find a memo from Gregory Powers from Best Best & Krieger, LLP. In regards: The City's Ability to "Sole Source" The Materials and/or Installation of its Fiber-optic Network for the "Connected Community Program"

Funding was allocated in FY 04-05 Budget.

ENVIROMENTAL:

The project to install fiber optic in Redlands Blvd, California Street, and Mountain View Ave right-of-ways is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Section 15061(3). This provision states that an activity is covered by the General Rule that CEQA only applies to projects that have the potential for causing a significant effect on the environment. In situations where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA. The project at hand will extend a utility that is new to the City; however, the utility is not growth inducing in that it will not provide necessary services to raw or vacant lands that will allow new development to occur. The construction impacts of installing the fiber optic in the Civic Center and specified right-of-ways are not significant in that they are short term. The contractor will be required to comply with all applicable City regulations for traffic control and safety, and day time hours of construction.

FINANCIAL IMPACT:

Funding will be provided from account no. 40-5900-8500.

Attachments:

- A) Best Best & Krieger, LLP Memo
- B) Area Map
- C) Quote Sheet

John Griffin Construction, Inc.

Corporate Office: 244 Jason Ct, Corona, CA 92879 (909) 278-2377, Fax (909) 278-8956

Construction Yard: 2390 American Way St., Orange, CA 92865

Construction Yard: 6607 Doolittle Ave., Riverside, CA 92503

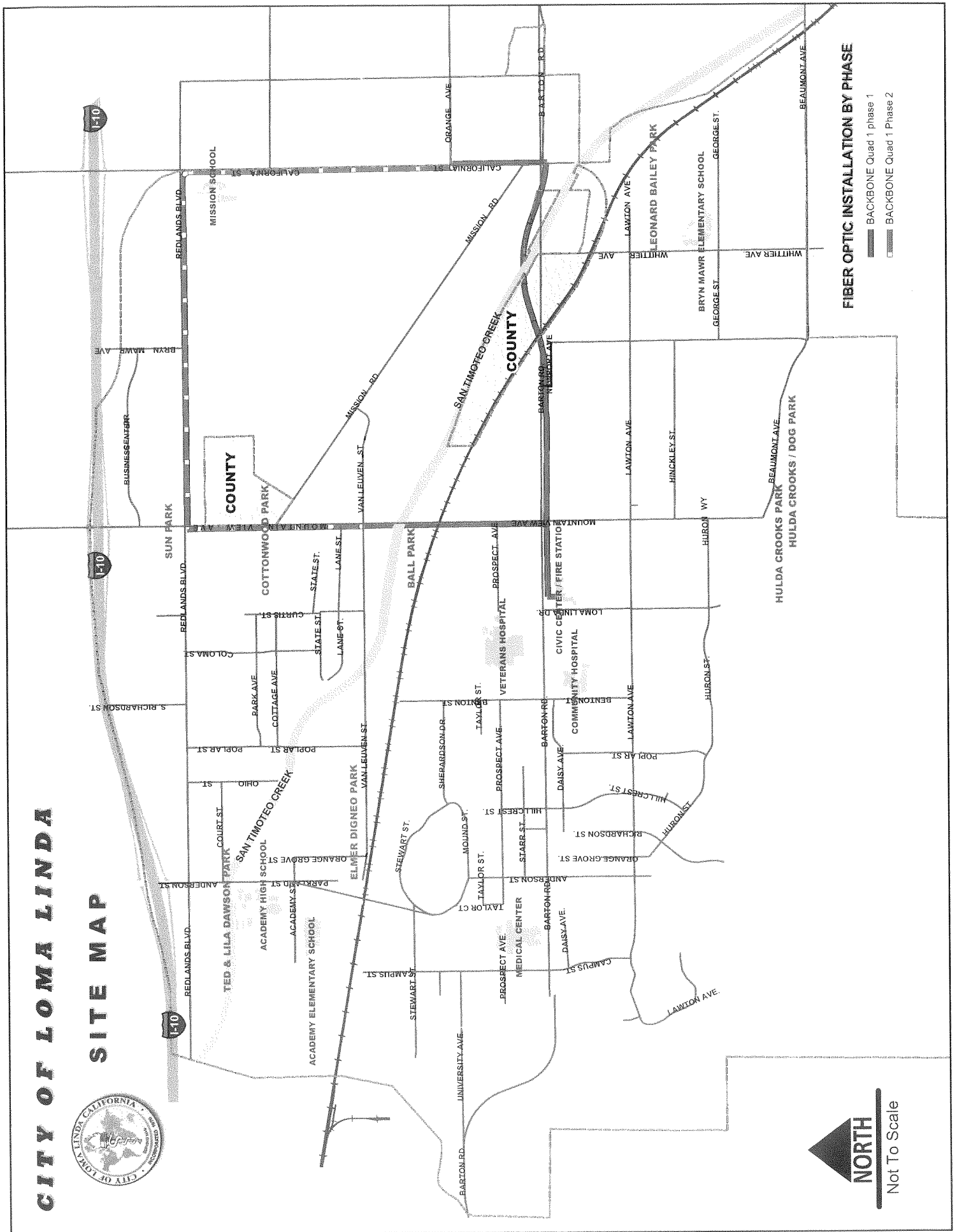
Customer: City of Loma Linda**Address: 25541 Barton Road****Project Name: Quad #1 - Phase 2 Fiber Backbone - UG Const; Placing & Splicing****Date: Revised February 22, 2005 Q1-Phase 2****Quote# 05-0110-Q1 MDH****Page 1 of 1****Valid 30 Days****Taxes Included****Terms Net 30 Days**

DESCRIPTION	QTY	UNIT	UNIT Price	TOTAL
<i>OSP Fiber Placing</i>				
288 LT	14,700	FT	\$ 1.52	\$ 22,380.75
Misc. Materials	14,700	FT	\$ 0.27	\$ 3,969.00
<i>Fiber Splicing</i>				
Fusion Splice LT to LT	1,152	EA	\$ 27.19	\$ 31,320.00
Fusion Splice Trays (24 Fusions)	48	EA	\$ -	\$ -
Fusion Splice Trays (12 Fusions)	-	EA		\$ -
Fiber Splice Cases	4	EA	\$ 271.88	\$ 1,087.50
Misc. Splicing Materials / Consumables	1,152	EA	\$ 4.05	\$ 4,665.60
Project Management	200	HR	\$ 54.38	\$ 10,875.00
Vehicle	200	HR	\$ 8.16	\$ 1,631.25
PI & SP Total				\$ 75,929.10
<i>Underground Construction</i>				
Bore @ 5 Ft+ Depth (Groves)	9,294	FT	\$ 27.44	\$ 255,027.36
Bore @ 5 Ft+ Depth (Improved Area's)	2,850	FT	\$ 47.57	\$ 135,574.50
F&I 4'x4' or 3'x5' Pull Box	13	EA	\$ 4,470.00	\$ 58,110.00
UGC Total				\$ 448,711.86
Revised Total Project Aggregate				\$ 524,640.96

Note: 2 each added pull boxes if not required will give credit back to LLCCP \$8,940.00 per MDH 2/23/05

CITY OF LOMA LINDA

SITE MAP



FIBER OPTIC INSTALLATION BY PHASE

- BACKBONE Quad 1 phase 1
- BACKBONE Quad 1 Phase 2

